

ORIGA RODLESS CYLINDERS @ WORK: FISH TRANSFER

Problem

A company producing compacted blocks of filleted fish required a handling system capable of transferring raw material into and out of a press with repeated reliability. Conventional long stroke cylinders were considered but rejected because of space constraints and contamination of moving parts by the product.

Solution

Origa Rodless Cylinders provided the ideal solution to this problem. One cylinder was used to transfer the product from a conveyor belt to the loading tray of the press. Two cylinders working in parallel insert the fish block into the press at the correct orientation, and the remaining Origa cylinder withdraws the compressed block from the press. Automatic handling of the product was achieved using Origa cylinders fitted with integral proximity sensors.

Results

Using self-guiding Origa Rodless Cylinders in multiple configurations provided this company with a reliable, cost effective food handling system. Origa Cylinders excellent stroke to body length ratio and totally enclosed features eradicated

